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- ◆ José Ángel Siles
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- ◆ Mohamed Tahiri
(University Ain Chock – Casablanca)

During four days the lecturers will carry out a review on the major issues of solid and liquid wastes management in the Mediterranean region. The solid waste management in Europe, the recovery of biogas, composting treatment of municipal and animal waste, the exploitation of gas in landfills and farms will be among the topics to be presented. The conferences will take place from 9:00 to 17:30 (2 ECTS Credits).

Additional information, as provisional program, may be found at

www.uco.es/pci-uco-kenitra

Funding Entity:
Spanish Agency for
International Develop-
ment Cooperation



Organizers:



Collaborate:



Contacts

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3rd MEDITERRANEAN WORKSHOP ON ORGANIC WASTE RECOVERY, BIOMASS AND RENEWABLE ENERGY

February 5th-8th, 2013.
Hotel Kenzi Semiramis
Marrakech



An activity in the frame of the international cooperation project "Strengthening of Laboratoire de Biotechnologie, Environnement et Qualité (LABEQ) on the subject of organic waste treatment" between the University of Cordoba (Spain) and the University of Kenitra (Morocco)

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AN EXPERT COURSE ON ORGANIC WASTE RECOVERY, BIOMASS AND RENEWABLE ENERGY

In many Mediterranean countries, the organic waste fraction always corresponds to more than fifty per cent of total of municipal waste generated. The disposal on landfill is not a sustainable method of dealing with this fraction. In fact, the biodegradable waste becomes an important source of greenhouse gas emissions when deposited in landfill without previous stabilization.

Composting and anaerobic digestion (AD) are among the best practices of dealing with organic waste. These processes are known to be the controlled biological processes for the decomposition of organic solid waste under aerobic or anaerobic conditions, respectively. Anaerobic digestion is set to become increasingly important as it is considered as an energy positive process since it produces more energy than it requires.

As a result, the renewable energy from the biogas sector will play an increasing central role in global energy management. Many Mediterranean governments provide generous support for waste-to-energy technologies such as the anaerobic digestion.

This course, is the third edition of the Mediterranean Workshop on Organic Waste Recovery, Biomass and Renewable Energy, organized by the Ibn Tofail University, Kenitra (Morocco), with the collaboration of the University of Cordoba (Spain). The financial support is supplied by the Spanish Agency of International Cooperation .

Objectives

The aim of this workshop is to provide an insight into the fundamentals of composting, anaerobic digestion and other techniques to valorize organic waste and to contribute to the preservation of resources and environmental safety, focusing on the Mediterranean region.

Topics

- ◆ Composting of organic waste
- ◆ Anaerobic digestion of different kind of biomass feedstock
- ◆ Appropriate and adapted technologies for different substrates in the Mediterranean region
- ◆ Energetic exploitation of organic waste
- ◆ Monitoring and control of the AD process
- ◆ Modelling of the AD process
- ◆ Reactor design for anaerobic treatment of solid waste and wastewater
- ◆ Types of anaerobic digestion systems
- ◆ R&D projects and Pilot plants

Organizing Committee

- ◆ Arturo F. Chica Pérez, Antonio Martín Martín, María Ángeles Martín Santos, Manuel Dios Pérez, José Ángel Siles López, Antonio Serrano Moral and M.Carmen Gutiérrez Martín (University of Cordoba, Spain).
- ◆ H. El bari, A. Chaouch, O. Benali, F. Karouach, S.Belhadj, Y. Joute, A. Mesfioui, M. Igouzal, (University Ibn Tofail, Kenitra, Morocco).

Scientific Committee

- ◆ Arturo F. Chica Pérez (University of Cordoba, Spain)
- ◆ Antonio Martín Martín (University of Cordoba, Spain)
- ◆ María Ángeles Martín Santos (University of Cordoba, Spain)
- ◆ Manuel Dios Pérez (University of Cordoba, Spain)
- ◆ José Ángel Siles López (University of Cordoba, Spain)
- ◆ Rafael Borja Padilla (CSIC, Spain)
- ◆ Hassan El Bari (Ibn Tofail University, Kenitra, Morocco)
- ◆ Sami Sayadi (Centre of biotechnology of Sfax – Tunisia)
- ◆ Mohamed Ali Abdel-Hadi (Suez Canal University – Egypt)
- ◆ A.Belinda Bjerre (Danish Technological Institute – Denmark)
- ◆ Wolfgang Stelte (Danish Technological Institute – Denmark)
- ◆ Remy Bayard (LGCIÉ – INSA – Lyon, France)
- ◆ Remy Gourdon (LGCIÉ – INSA – Lyon, France)

Honorary Committee

- ◆ Mr. Alberto José Navarro González. Ambassador of Spain in Morocco .
- ◆ Mr. José Manuel Roldán Noguera. Rector of the University of Cordoba, Spain.
- ◆ Mr. Abderrahman Tenkoul. President of the University Ibn Tofail, Kenitra, Morocco.

Registration

Vacancies limited to 40 students

Attendance includes coffee breaks, lunch, accommodation, documentation, and visits. During the last day the participants will do a test about the workshop topics and they will receive a certificate about their test result and participation.

For registration it is necessary to submit the following information to the Workshop secretary:

Name, surname, University/Company, Graduate, e-mail, passport. A brief description of their careers or CV (5 lines) should be included.

To formalize the inscription, please visit the following website:

Firstly, you should get your username and password:

<https://vega.gestion.uco.es:8082/regi/controlreg/>

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Secondly, you should register in the Course 2176 here:

<http://www.uco.es/estudios/sep/inscripcion/>

More details in ucokenitra@gmail.com